

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-313179

(43)Date of publication of application : 09.11.2001

(51)Int.Cl.

H05B 33/14
C09K 11/06
H05B 33/22

(21)Application number : 2000-131992

(71)Applicant : MITSUBISHI CHEMICALS CORP

(22)Date of filing : 01.05.2000

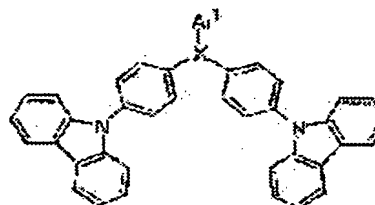
(72)Inventor : SATO YOSHIHARU
SATO HIDEKI
ICHINOSAWA AKIKO

(54) ORGANIC ELECTROLUMINESCENT ELEMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To enable an organic electroluminescent element utilizing phosphorescent luminescence to improve luminous efficiency and to secure a safety of operation.

SOLUTION: For the organic electroluminescent element laminating an anode, a luminous layer, and a cathode successively, the luminous layer contains a compound shown by the formula (I) as a principal component, and an organic metal complex including at least one metal chosen from 7th to 11th group of periodic table as a subordinate component. In the formula, carbasolyl group and phenylene group may have arbitrary substituent, and X shows a link group with 3 valency.



LEGAL STATUS

[Date of request for examination]

22.09.2003

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office